

Yayoi Inomata

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

766
citations

567281

15
h-index

526287

27
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35
all docs

35
docs citations

35
times ranked

789
citing authors

#	ARTICLE	IF	CITATIONS
1	134Cs and 137Cs in the North Pacific Ocean derived from the March 2011 TEPCO Fukushima Dai-ichi Nuclear Power Plant accident, Japan. Part two: estimation of 134Cs and 137Cs inventories in the North Pacific Ocean. <i>Journal of Oceanography</i> , 2016, 72, 67-76.	1.7	138
2	Emission and Atmospheric Transport of Particulate PAHs in Northeast Asia. <i>Environmental Science & Technology</i> , 2012, 46, 4941-4949.	10.0	99
3	Development of the RAQM2 aerosol chemical transport model and predictions of the Northeast Asian aerosol mass, size, chemistry, and mixing type. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 11833-11856.	4.9	55
4	Analysis of 50-y record of surface ¹³⁷ Cs concentrations in the global ocean using the HAM-global database. <i>Journal of Environmental Monitoring</i> , 2009, 11, 116-125.	2.1	53
5	Spatial and temporal distributions of ¹³⁴ Cs and ¹³⁷ Cs derived from the TEPCO Fukushima Daiichi Nuclear Power Plant accident in the North Pacific Ocean by using optimal interpolation analysis. <i>Environmental Sciences: Processes and Impacts</i> , 2016, 18, 126-136.	3.5	37
6	NHM-Chem, the Japan Meteorological Agency's Regional Meteorology "Chemistry Model: Model Evaluations toward the Consistent Predictions of the Chemical, Physical, and Optical Properties of Aerosols. <i>Journal of the Meteorological Society of Japan</i> , 2019, 97, 337-374.	1.8	37
7	Dry and wet deposition of water-insoluble dust and water-soluble chemical species during spring 2007 in Tsukuba, Japan. <i>Atmospheric Environment</i> , 2009, 43, 4503-4512.	4.1	36
8	Source-receptor relationships of nitrate in Northeast Asia and influence of sea salt on the long-range transport of nitrate. <i>Atmospheric Environment</i> , 2013, 79, 67-78.	4.1	36
9	Mass balance and latest fluxes of radiocesium derived from the Fukushima accident in the western North Pacific Ocean and coastal regions of Japan. <i>Journal of Environmental Radioactivity</i> , 2020, 217, 106206.	1.7	32
10	Transport of FNPP1-derived radiocaesium from subtropical mode water in the western North Pacific Ocean to the Sea of Japan. <i>Ocean Science</i> , 2018, 14, 813-826.	3.4	28
11	Recirculation of FNPP1-derived radiocaesium observed in winter 2015/2016 in coastal regions of Japan. <i>Applied Radiation and Isotopes</i> , 2017, 126, 83-87.	1.5	26
12	Long-term variation of the source of sulfate deposition in a leeward area of Asian continent in view of sulfur isotopic composition. <i>Atmospheric Environment</i> , 2016, 140, 42-51.	4.1	24
13	Transboundary transport of anthropogenic sulfur in PM _{2.5} at a coastal site in the Sea of Japan as studied by sulfur isotopic ratio measurement. <i>Science of the Total Environment</i> , 2016, 553, 617-625.	8.0	21
14	Modeling wet deposition and concentration of inorganics over Northeast Asia with MRI-PM/c. <i>Geoscientific Model Development</i> , 2012, 5, 1363-1375.	3.6	18
15	Comparison of three aerosol representations of NHM-Chem (v1.0) for the simulations of air quality and climate-relevant variables. <i>Geoscientific Model Development</i> , 2021, 14, 2235-2264.	3.6	16
16	Synergy between air pollution and urban meteorological changes through aerosol-radiation-diffusion feedback-A case study of Beijing in January 2013. <i>Atmospheric Environment</i> , 2017, 171, 98-110.	4.1	15
17	Estimate of Fukushima-derived radiocaesium in the North Pacific Ocean in summer 2012. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 318, 1587-1596.	1.5	15
18	Source contribution analysis of surface particulate polycyclic aromatic hydrocarbon concentrations in northeastern Asia by source-receptor relationships. <i>Environmental Pollution</i> , 2013, 182, 324-334.	7.5	13

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19	Source-Receiver Relationship Analysis of the Atmospheric Deposition of PAHs Subject to Long-Range Transport in Northeast Asia. <i>Environmental Science & Technology</i> , 2017, 51, 7972-7981.	10.0	11
20	Transboundary air pollution reduction rapidly reflected in stream water chemistry in forested catchment on the sea of Japan coast in central Japan. <i>Atmospheric Environment</i> , 2021, 248, 118223.	4.1	11
21	Fukushima radionuclides in the marine environment from coastal region of Japan to the Pacific Ocean through the end of 2016. <i>Progress in Nuclear Science and Technology</i> , 2019, 6, 1-7.	0.3	9
22	Estimating transboundary transported anthropogenic sulfate deposition in Japan using the sulfur isotopic ratio. <i>Science of the Total Environment</i> , 2019, 691, 779-788.	8.0	7
23	Calculating source contributions to urban atmospheric polycyclic aromatic hydrocarbons and nitropolycyclic aromatic hydrocarbons using 1-nitropyrene and pyrene: An application to an Asian dust event. <i>Chemosphere</i> , 2021, 280, 130662.	8.2	6
24	Optimum interpolation analysis of basin-scale ¹³⁷ Cs transport in surface seawater in the North Pacific Ocean. <i>Journal of Environmental Monitoring</i> , 2012, 14, 3146.	2.1	5
25	Influence of blocking effect of mountain and local front on two Asian-dust events observed at Mt. Haruna and Tsukuba in Kanto, Japan, in 2007. <i>Atmospheric Environment</i> , 2011, 45, 4429-4441.	4.1	4
26	Current situation of atmospheric nanoparticles in Fukue Island, Japan. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 70, 1498688.	1.6	4
27	Different Transport Behaviors between Asian Dust and Polycyclic Aromatic Hydrocarbons in Urban Areas: Monitoring in Fukuoka and Kanazawa, Japan. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5404.	2.5	3
28	Particulate PAH Transport Associated with Adult Chronic Cough Occurrence Closely Connected with Meteorological Conditions: A Modelling Study. <i>Atmosphere</i> , 2021, 12, 1163.	2.3	1